

PUBLIC SAFETY DEPARTMENT[661]

Adopted and Filed

Pursuant to the authority of Iowa Code section 100.18, the Iowa Department of Public Safety hereby amends Chapter 5, "Fire Marshal Administration," and Chapter 210, "Smoke Detectors," Iowa Administrative Code.

Iowa Code section 100.18 charges the State Fire Marshal with establishing requirements for smoke detectors in residential buildings. These requirements have been in effect since 1981. Smoke detectors are an effective method of preventing fatalities resulting from residential fires. Technological developments have improved the effectiveness of these devices, and these developments continue to be monitored by the State Fire Marshal, with the intent of incorporating future improvements in smoke detector technology into the requirements for these devices in the future.

The amendments adopted herein amend Chapter 210, which sets out requirements for smoke detectors, to require the use of dual sensor smoke detectors. Also included is a provision to rescind rules 661—5.807(100) to 661—5.810(100) regarding smoke detectors. This rescission was inadvertently omitted when Chapter 210 was originally adopted in 2006.

These amendments were proposed in a Notice of Intended Action published in the Iowa Administrative Bulletin on March 26, 2008, as **ARC 6661B**. A public hearing on these amendments was held on April 23, 2008. No comments were received at the public hearing, although various comments in support of the amendments were received from representatives of the fire service in Iowa. Minor editorial changes have been made to the proposed amendments. Language has been added clarifying that smoke detectors installed in addition to those required may be of other than dual sensor design.

These amendments are intended to implement Iowa Code section 100.18.

These amendments will become effective on October 1, 2008.

The following amendments are adopted.

ITEM 1. Rescind and reserve rules **661—5.807(100)** to **661—5.810(100)**.

ITEM 2. Amend rule 661—210.1(100) as follows:

661—210.1(100) Definition Definitions. The following ~~definition applies~~ definitions apply to rules 661—210.1(100) through 661—210.4(100):

~~"Approved" means acceptable to the state fire marshal. Any that the equipment, device or procedure which bears the stamp of approval or meets applicable standards prescribed has been approved for a specific use by an independent testing laboratory or organization of national reputation such as the Underwriters Laboratories, Inc., National Bureau of Standards, Factory Mutual Laboratories, American Society for National Fire Protection Association, American Society of Mechanical Engineers or American Standards Association, which undertakes to test and approve or provide standards for equipment, devices or procedures of the nature prescribed in this chapter, shall be deemed acceptable to the state fire marshal.~~

"Dual sensor smoke detector" means a smoke detector which contains both an ionization sensor and a photoelectric sensor and which is designed to detect and trigger an alarm in response to smoke detected through either sensing device.

ITEM 3. Amend subrule 210.2(1) as follows:

210.2(1) Approved single station smoke detectors shall be acceptable in all areas covered by this chapter, unless other fire warning equipment or materials are required by any provision of 661—Chapter 201, 202, or 205. Any single station smoke detector installed on or after October 1, 2008, in compliance with this subrule, including a replacement of an existing detector, shall be a dual sensor smoke detector. If sufficient dual sensor smoke detectors have been installed to comply with the requirements of this chapter, additional smoke detectors which may be other than dual sensor detectors may be installed.

ITEM 4. Amend subrule 210.2(3) as follows:

210.2(3) All devices, combinations of devices, and equipment to be installed in conformity with this chapter shall be approved and used for the purposes for which they are intended. Any smoke detector installed on or after October 1, 2008, in compliance with this chapter, including a replacement of an existing detector, shall be a dual sensor smoke detector. If sufficient dual sensor smoke detectors have been installed to comply with the requirements of this chapter, additional smoke detectors which may be other than dual sensor detectors may be installed.

[Filed 8/7/08, effective 10/1/08]

[Published 8/27/08]

EDITOR'S NOTE: For replacement pages for IAC, see IAC Supplement 8/27/08.